

SRS Spent Nuclear Fuel Program Status

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DOE-SR

SRS FY01 ACCOMPLISHMENTS

40% FRR received, 101 casks / 3,474 assemblies

(Since last meeting: 1 FRR, 6 casks, 232 assemblies
2 DRR, 2 casks, 16 assemblies)

Completed SNF-HEU de-inventory of Italy, Argentina, Chile & Austria; 12 countries to date

L-basin modifications allow receipt of all commercial Type B packages

FY02 CHALLENGES

4 FRR, 11 DRR Shipments Increased Security Concerns

Significant increase in L-basin casks managed

Initiate Mk-16 shipments in parallel with inventory reduction & off-site receipts.

Engineering for SNF Inventory Management

Melt & dilute process demonstration (LEF)

SRS/INEEL SNF Swap Study

For Execution of '95 DOE-INEEL SNF ROD: A1 SNF to SRS / non-A1 SNF to INEEL

- Baseline: Exchange between sites begins FY'10
- Scenario #1: Accelerated exchange begins FY'05
- Scenario #2: A1 into SRS begins '10 (No shipments to INEEL)
- Scenario #3: No exchange

SNF CASK MANAGEMENT

CASK PROCESSED	FY00	FY01	FY02 FCST.	FY03 FCST.
RBOF to Canyons *	10	11	12	9
K & L to Canyons	10	12	12	29
FRR receipts	15	24	25	23
DRR receipts	23	3	28	21
RBOF to L-basin	17	29	12	36
TOTALS	75	79	89	118
* SFO & Mk-42 shipments				
**SRS irradiated fuels (Mk-16 & 22s)				

SRS Fuels Inventory

